

Titles of most frequently occurring classifications of patents returned  
from a search of 10526552 on Dec 01, 2010

- 6 704/ E15. 04 (0 OR, 6 XR)  
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,  
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/ DECOMPRESSION  
704/ E15. 001 . SPEECH RECOGNITION (EPO)  
704/ E15. 04 .. Procedures used during a speech recognition process, e.g.,  
man-machine dialogue, etc. (EPO)
- 5 704/ 270. 1 (4 OR, 1 XR)  
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,  
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/ DECOMPRESSION  
704/ 200 . SPEECH SIGNAL PROCESSING  
704/ 270 .. Application  
704/ 270. 1 ... Speech assisted network
- 4 704/ 270 (2 OR, 2 XR)  
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,  
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/ DECOMPRESSION  
704/ 200 . SPEECH SIGNAL PROCESSING  
704/ 270 .. Application
- 4 704/ 275 (1 OR, 3 XR)  
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,  
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/ DECOMPRESSION  
704/ 200 . SPEECH SIGNAL PROCESSING  
704/ 270 .. Application  
704/ 275 ... Speech controlled system
- 4 1/ 1 (4 OR, 0 XR)  
Class 1/ 1 NO DATA PATENTS
- 3 704/ 9 (2 OR, 1 XR)  
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,  
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/ DECOMPRESSION  
704/ 1 . LINGUISTICS  
704/ 9 .. Natural language
- 3 379/ 88. 18 (1 OR, 2 XR)  
Class 379 TELEPHONIC COMMUNICATIONS  
379/ 67. 1 . AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS  
379/ 88. 18 .. Interacting voice message systems
- 3 704/ 251 (0 OR, 3 XR)  
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,  
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/ DECOMPRESSION  
704/ 200 . SPEECH SIGNAL PROCESSING  
704/ 231 .. Recognition  
704/ 251 ... Word recognition
- 3 704/ 257 (1 OR, 2 XR)  
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,  
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/ DECOMPRESSION  
704/ 200 . SPEECH SIGNAL PROCESSING  
704/ 231 .. Recognition  
704/ 251 ... Word recognition  
704/ 255 .... Specialized models  
704/ 257 ..... Natural language
- 2 704/ 201 (1 OR, 1 XR)  
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,

LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION  
 704/200 . SPEECH SIGNAL PROCESSING  
 704/201 . . For storage or transmission

2 715/841 (1 OR, 1 XR)  
 Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,  
 OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING  
 715/700 . OPERATOR INTERFACE (E.G., GRAPHICAL USER INTERFACE)  
 715/764 . . On-screen workspace or object  
 715/810 . . . Menu or selectable icon array (e.g., palette)  
 715/841 . . . . Sub-menu structure

2 707/E17.005 (0 OR, 2 XR)  
 Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA  
 STRUCTURES  
 707/E17.001 . INFORMATION RETRIEVAL; DATABASE STRUCTURES THEREFORE (EPO)  
 707/E17.005 . . Interfaces; database management systems; updating (EPO)

2 706/11 (0 OR, 2 XR)  
 Class 706 DATA PROCESSING: ARTIFICIAL INTELLIGENCE  
 706/11 . HAVING PARTIALLY USER INTERFACE

2 715/978 (0 OR, 2 XR)  
 Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,  
 OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING  
 715/978 . AUDIO INTERACTION AS PART OF AN OPERATOR INTERFACE

2 706/45 (1 OR, 1 XR)  
 Class 706 DATA PROCESSING: ARTIFICIAL INTELLIGENCE  
 706/45 . KNOWLEDGE PROCESSING SYSTEM

2 706/61 (1 OR, 1 XR)  
 Class 706 DATA PROCESSING: ARTIFICIAL INTELLIGENCE  
 706/45 . KNOWLEDGE PROCESSING SYSTEM  
 706/59 . . Creation or modification  
 706/61 . . . Knowledge acquisition by a knowledge processing system

2 705/26 (0 OR, 2 XR)

2 379/88.04 (2 OR, 0 XR)  
 Class 379 TELEPHONIC COMMUNICATIONS  
 379/67.1 . AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS  
 379/88.01 . . Voice activation or recognition  
 379/88.04 . . . Voice controlled message management

2 379/88.17 (1 OR, 1 XR)  
 Class 379 TELEPHONIC COMMUNICATIONS  
 379/67.1 . AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS  
 379/88.17 . . Interaction with an external nontelephone network (e.g.,  
 Internet)

2 370/401 (0 OR, 2 XR)  
 Class 370 MULTIPLEX COMMUNICATIONS  
 370/351 . PATHFINDING OR ROUTING  
 370/389 . . Switching a message which includes an address header  
 370/400 . . . Having a plurality of nodes performing distributed  
 switching  
 370/401 . . . . Bridge or gateway between networks

2 717/104 (1 OR, 1 XR)  
 Class 717 DATA PROCESSING: SOFTWARE DEVELOPMENT, INSTALLATION, AND  
 MANAGEMENT  
 717/100 . SOFTWARE PROGRAM DEVELOPMENT TOOL (E.G., INTEGRATED CASE

## TOOL OR STAND-ALONE DEVELOPMENT TOOL)

717/104 .. Modeling

2 704/E21.001 (0 OR, 2 XR)

Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,  
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION  
704/E21.001 . MODIFICATION OF AT LEAST ONE CHARACTERISTIC OF SPEECH WAVES  
(EPO)

2 707/999.104 (0 OR, 2 XR)

Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA  
STRUCTURES

707/999.1 . DATABASE SCHEMA OR DATA STRUCTURE (707/100)

707/999.103 .. Object-oriented database structure (707/103R)

707/999.104 ... Object-oriented database structure processing (707/103Y)

2 719/328 (2 OR, 0 XR)

Class 719 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
INTERPROGRAM COMMUNICATION OR INTERPROCESS COMMUNICATION (IPC)

719/328 . APPLICATION PROGRAM INTERFACE (API)

2 704/231 (0 OR, 2 XR)

Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,  
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION

704/200 . SPEECH SIGNAL PROCESSING

704/231 .. Recognition

2 704/E15.026 (0 OR, 2 XR)

Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,  
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION

704/E15.001 . SPEECH RECOGNITION (EPO)

704/E15.014 .. Speech classification or search (EPO)

704/E15.018 ... Using natural language modeling (EPO)

704/E15.026 .... Parsing for meaning understanding (EPO)

2 717/170 (0 OR, 2 XR)

Class 717 DATA PROCESSING: SOFTWARE DEVELOPMENT, INSTALLATION, AND  
MANAGEMENT

717/168 . SOFTWARE UPGRADING OR UPDATING

717/170 .. Plural version management